

PROPOSED MODIFICATIONS TO THE DRAFT 2007 AQMP APPENDIX II

CURRENT AIR QUALITY

FEBRUARY 2007

MODIFICATIONS TO APPENDIX III

The following revisions have been made to the Draft 2007 AQMP Appendix II. The revisions are mainly related to adding PM2.5 trend tables (Tables A-11 to A-15) in the Attachment and revising the related text to reflect the added tables. The Table of Contents has also been updated accordingly. Also, Figure 2-2 in Chapter 2 of Appendix II is replaced with the correct map of number of days exceeding the 1-hour federal standard for ozone. This document only includes the revised pages. Corrections made are indicated as ~~strikeout~~ or underline. Each revision is preceded by a brief sentence explaining changes.]

(Table of Contents revised for the added PM2.5 tables and corresponding changes in the table numbers.)

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Table A-2: Episode Criteria

Table A-3: Air Monitoring Stations and Source/Receptor Areas

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(Corrected typo, the word “ozone” was deleted from the first paragraph of page II-S-1.)

SUMMARY

This appendix contains a summary of the year 2005 air quality in the South Coast Air Basin (Basin) and the portion of Salton Sea Air Basin (SSAB) monitored by the SCAQMD. The Basin includes Orange County and the non-desert portions of Los Angeles, Riverside and San Bernardino Counties. For those pollutants for which the Basin is in nonattainment of the federal standards (~~ozone~~, O₃; PM10; and PM2.5), air quality trends through the year 2005 are presented. Chapter 1 of this appendix presents brief descriptions of the pollutant emissions in the Basin, ambient air quality standards, and criteria air pollutant concentrations and trends in the region. Chapters 2 and 3 present a description of each of the criteria pollutant’s properties, current concentration compared to the state and federal standards, and spatial, seasonal, and diurnal variations in the Basin and SSAB.

In 2005, the SCAQMD monitored concentrations of air pollutants at 34 locations in southern California’s Los Angeles, Orange, Riverside and San Bernardino counties. Pollutant concentrations exceeded the federal and state standards for ozone and particulate matter (PM10, PM2.5). Standards for carbon monoxide, nitrogen dioxide, sulfur dioxide, sulfate, and lead were not exceeded. In the year 2005, the U.S. location with the highest number of days exceeding the federal ozone standard was located in the Basin.

South Coast Air Basin

In 2005, there were a total of 89 days on which the federal standards for 8-hour ozone or 24-hour PM2.5 were exceeded at one or more Basin locations. (The other criteria pollutants did not exceed the daily federal standards.)

The number of days exceeding the federal ozone standard varied widely by area, from zero to 69 days, depending on location. Exceedances were fewest at the coast, increasing to a maximum in the Basin’s Central San Bernardino Mountains and inland valleys. The Central San Bernardino Mountains area exceeded the federal 8-hour average ozone standard most frequently (69 days). The previous federal 1-hour ozone standard was exceeded on 18 days. The more stringent 1-hour and 8-hour average state standards were exceeded on 80 and 102 days, respectively, in the same area. The highest 1-hour average and 8-hour average ozone concentration recorded in 2005 (0.182 ppm and 0.145 ppm) were 146 percent and 171 percent of the federal 1-hour and 8-hour standards, respectively.

(Corrected typo on page II-2-3, “1-hour” replaced “8-hour” ozone standard.)

and fight infection. People with respiratory diseases, children, the elderly, and people who exercise heavily are more susceptible to the effects of ozone.

Plants are sensitive to ozone at concentrations well below the health-based standards and ozone is responsible for significant crop damage. Ozone is also responsible for damage to forests and other ecosystems.

8-Hour Ozone Standard

The federal 1-hour ozone standard was revoked by the U.S. EPA and replaced by the 8-hour average ozone standard. Studies have shown that even relatively low concentrations of ozone, if continued for several hours, can significantly reduce lung function in normal healthy people. In July 1997, the U.S. Environmental Protection Agency (U.S. EPA) adopted an 8-hour average federal ozone standard with a level of 0.08 ppm. The 8-hour ozone standard is more stringent than the 1-hour standard and provides greater protection to public health than the 1-hour standard. It will help protect people who spend a significant amount of time working or playing outdoors -- a group that is particularly vulnerable to the effects of ozone. CARB has also established a new 8-hour average state ozone standard of 0.07 ppm effective May 2005. The state 1-hour ozone standard continues to remain in effect.

The effect of the adopted 8-hour ozone standard on this region's attainment of federal ozone standards has been evaluated by comparing the number of exceedances of the previous 1-hour standard (0.12 ppm 1-hour average) with the number of exceedances of 8-hour average concentrations of 0.08 ppm. The number of exceedances in different areas in the Basin and SSAB vary; however, the federal 8-hour ozone standard level is exceeded more frequently in the inland valleys and adjacent mountains where high ozone concentrations normally occur.

Current Ozone Air Quality

In 2005, the District measured ozone concentrations at 29 regular ambient monitoring locations. The maximum 1-hour average and 8-hour ozone concentrations in the Basin in 2005 (0.182 ppm and 0.145) were 146 percent and 171 percent of the federal 1-hour and 8-hour standards, and 192 percent and 193 percent of the state standards, respectively. The federal 1-hour ~~8-hour~~-ozone standard was exceeded at one or more Basin locations on a total of 30 days, the 8-hour standard was exceeded on 84 days. The California state 1-hour and 8-hour standards were exceeded on 102 days and 120 days, respectively. The stage 1 episode level (1-hour average \geq 0.20 ppm) was not exceeded anywhere in the Basin for the second consecutive year, but the health advisory level (0.15 ppm) was exceeded on 11 days.

(Replaced Figure 2-2 on page II-2-5 with the correct figure showing the number of days exceeding federal 1-hour ozone standard.)

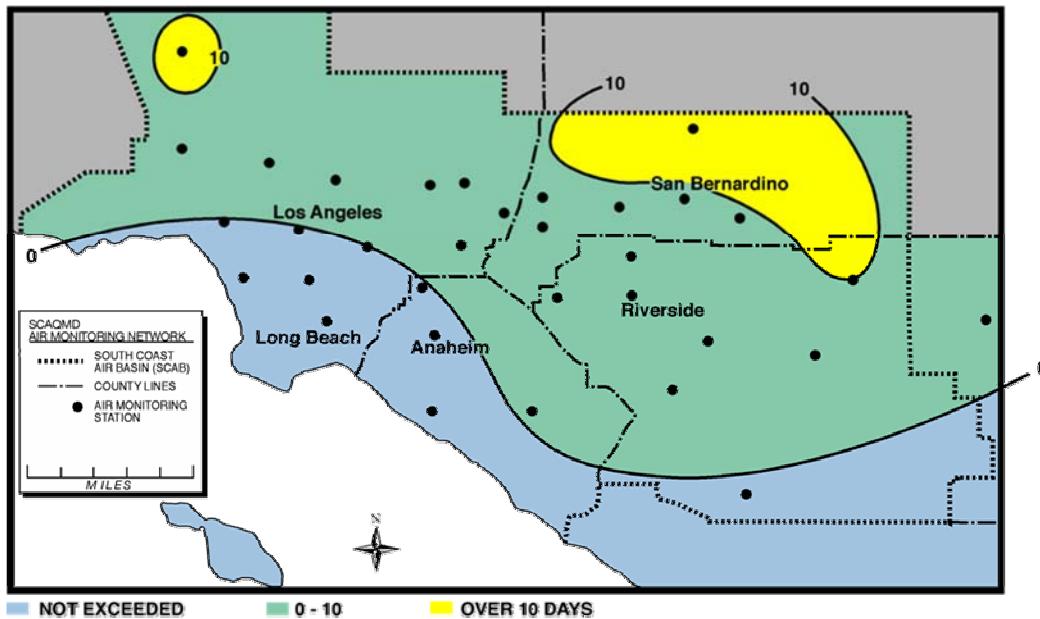


FIGURE 2-2
Ozone - 2005
Number of Days Exceeding 1-Hour Federal Standard
(1-hour average ozone > 0.12 ppm)

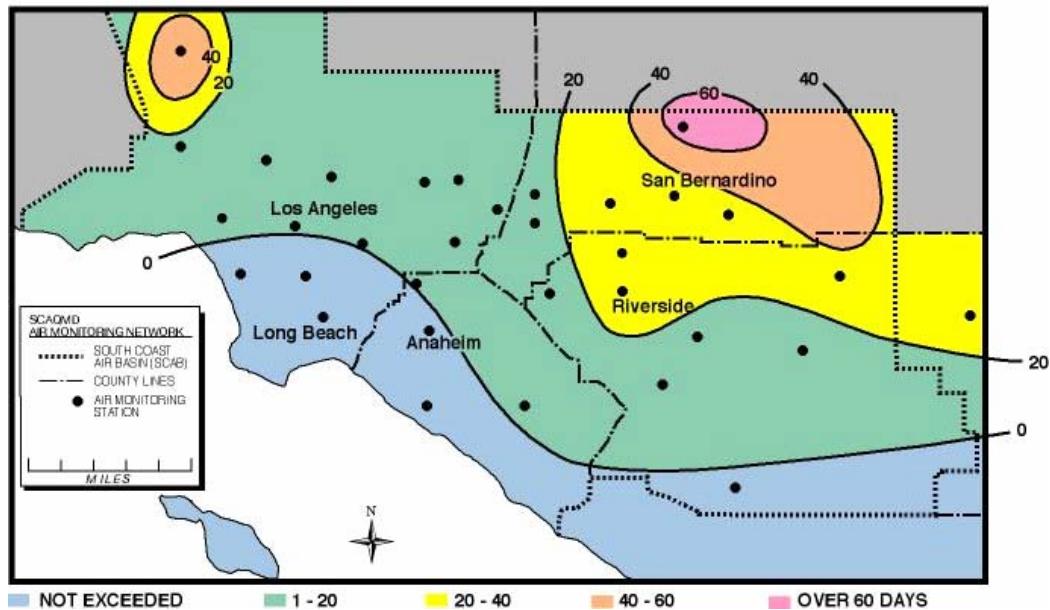


FIGURE 2-3
Ozone - 2005
Number of Days Exceeding 8-Hour Federal Standard
(8-hour average ozone > 0.08 ppm)

(Text was added to page II-2-15 referring to the PM2.5 added trend tables in the Attachment.)

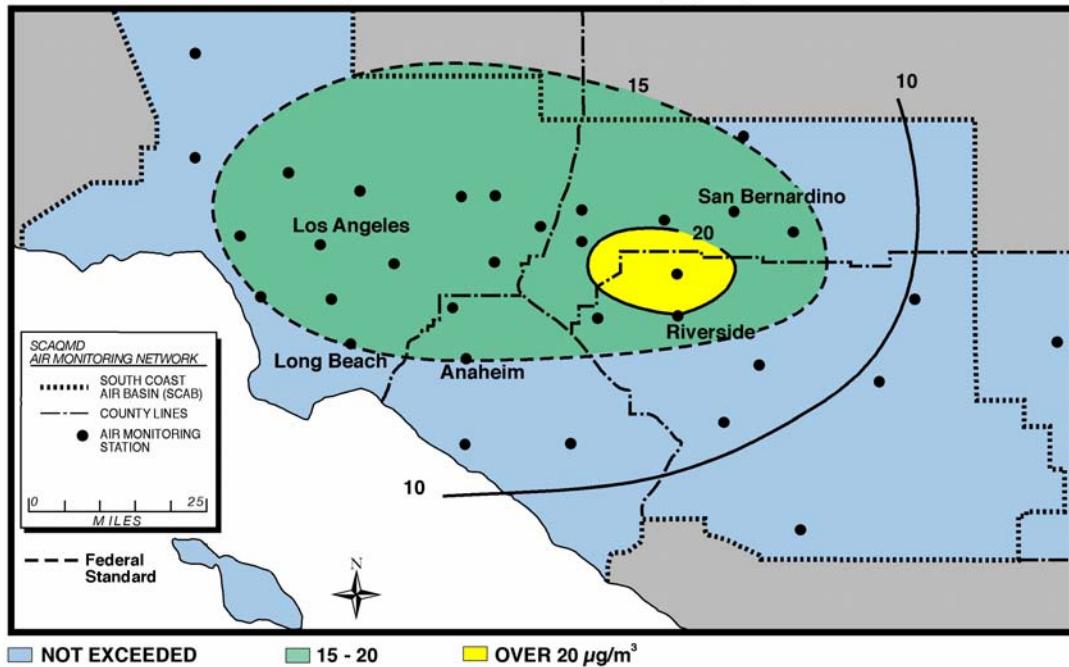


Figure 2-12

Suspended Particulate Matter (PM2.5) - 2005
Annual Arithmetic Mean, $\mu\text{g}/\text{m}^3$

The annual arithmetic mean, the percent of days exceeding the federal standards, the maximum 24-hour average concentration, and the 98th percentile concentration for the years 1999 - 2005 are given in Tables A-11 to A-15 in the Attachment.

Seasonal and Day of Week Variation in PM2.5

Seasonal and day-of-week variations in PM2.5 concentrations are complex and location dependant, and require further analysis to determine the reasons for the variation. Preliminary analysis shows that the PM2.5 concentrations tend to be higher in fall. Figure 2-13 shows the average PM2.5 concentration for each month in the Basin for the year 2005.

Preliminary analysis of daily variation shows no specific day-of-week pattern in PM2.5 concentrations in the Basin. Figure 2-14 shows the total number of days exceeding the federal standard in the Basin by day of week for the three-year period 2003-2005.

Figure 2-15 shows average PM2.5 concentration for each hour of the day for the period 2003-2005 at two monitoring sites in the Basin. On average, PM2.5 concentrations show a peak around 8-9 a.m.

(Corrected typo on page II-2-18: "...no exceedances of the stage 1 episode...since 1997." Also, corrected table numbers.)

concentrations frequently occur on weekdays at times consistent with rush hour traffic and late night during the coolest, most stable portion of the day.

When carbon monoxide is inhaled in sufficient concentration, it can displace oxygen and bind with the hemoglobin in the blood, reducing the capacity of the blood to carry oxygen. Individuals most at risk from the effects of CO include heart patients, fetuses (unborn babies), smokers, and people who exercise heavily. Normal healthy individuals are affected at higher concentrations, which may cause impairment of manual dexterity, vision, learning ability, and performance of work. The results of studies concerning the combined effects of CO and other pollutants in animals have shown a synergistic effect after exposure to CO and ozone.

Current Carbon Monoxide Air Quality

The District currently monitors carbon monoxide air quality at 25 of its 34 air monitoring stations. The highest CO concentrations are found in coastal and central Los Angeles county. The highest 8-hour average CO concentration in 2005 (5.9 ppm) was recorded in South Central Los Angeles county and was 62 percent of the federal standard and 65 percent of the state standard. This was the lowest concentration recorded in the Basin since carbon monoxide monitoring began in this region. The highest 1-hour average concentration in 2005 (7 ppm) was 19 percent of the federal and 33 percent of the state 1-hour standards. Concentrations in the less urbanized areas of the Basin and in the SSAB were well below the standards.

In 2005, carbon monoxide standards continued to remain below the standards at all locations monitored for the third consecutive year. Highest concentrations were recorded in Los Angeles county areas, in the areas of South Central Los Angeles County. There have been no exceedances of the stage 1 episode (federal alert) level (8-hour average CO greater than or equal to 15 ppm) since 1997 1994. Table 1 below shows the 2005 maximum 8-hour average carbon monoxide concentrations by Basin and county.

The annual number of days exceeding the federal carbon monoxide standard at all monitoring sites during the period 1990-2005 is given in Table A-16A-11 in the Attachment. Tables A-17A-12 and A-18A-13 list the annual number of federal alerts and maximum CO concentrations for all sites for the years 1990-2005.

The District has requested redesignation to attainment for CO, which is pending at the time of publication of this report.

(Corrected table numbers on pages II-2-20 thru II-2-22.)

Table 2 shows the 2005 maximum annual average nitrogen dioxide concentrations by Basin and county. The maximum annual average nitrogen dioxide concentration (0.0313 ppm recorded in the Northwest San Bernardino Valley) was 59 percent of the federal standard. Concentrations in the downwind SSAB areas were much lower. The maximum 1-hour average concentration in the Basin (0.14 ppm in South Coastal Los Angeles County) was 56 percent of the state standard.

The annual averages, number of days exceeding the state standard, and maximum 1-hour average concentrations for each individual area of the District for the years 1990-2005 are given in Tables A-19 to A-21 A-14 to A-16 in Attachment.

Though the state and federal standards were not exceeded in 2005, nitrogen dioxide is still a concern since it is a precursor to both ozone and particulate matter. Further control of oxides of nitrogen will be required to attain the ozone and particulate standards.

TABLE 2
2005 Maximum Annual Average Nitrogen Dioxide Concentrations*

| Basin/County | Maximum Annual Avg. ppm | Percent Federal Standard | Area |
|-----------------------|--|---|---|
| South Coast Air Basin | | | |
| Los Angeles | 0.0312 | 58% | South Central Los Angeles County; Ponoma/Walnut Valley |
| Orange | 0.0249 | 47% | North Orange County |
| Riverside | 0.0222 | 41% | Metropolitan Riverside County |
| San Bernardino | 0.0313 | 59% | Northwest San Bernardino Valley |
| Salton Sea Air Basin | | | |
| Riverside | 0.0120 | 22% | Coachella Valley |

* Federal standard = 0.0534 ppm

SULFUR DIOXIDE (SO₂)

Properties

Sulfur dioxide (SO₂) is a colorless gas with a sharp odor. It reacts in the air to form sulfuric acid (H₂SO₄), which contributes to acid precipitation, and sulfates, which is a

component of PM10 and PM2.5. Most of the SO₂ emitted into the atmosphere is produced by the burning of sulfur-containing fuels.

At sufficiently high concentrations, sulfur dioxide affects breathing and the lungs' defenses, and can aggravate respiratory and cardiovascular diseases. Asthmatics and people with chronic lung disease or cardiovascular disease are most sensitive to its effects. Sulfur dioxide also causes plant damage, damage to materials, and acidification of lakes and streams.

Current Sulfur Dioxide Air Quality

In 2005, sulfur dioxide was measured at seven Basin locations. No violations of federal or state standards occurred. The federal standards were last exceeded in the 1960's and the state standard was last exceeded in 1990.

The maximum 24-hour average SO₂ concentrations recorded in the District in 2005 are shown in Table 3. The highest 24-hour average SO₂ concentration (0.012 ppm in East San Fernando Valley) was 9 percent of the federal 24-hour standard. The highest 1-hour average (0.07 ppm in Central Los Angeles) was 29 percent of the state standard.

Detailed statistics including annual average and maximum 1-hour average SO₂ concentrations for each location monitored for the years 1990-2005 are given in Tables A-22 and A-23 ~~A-17 and A-18~~ in the Attachment.

While sulfur dioxide concentrations in the Basin no longer exceed standards, SO₂ is a precursor of PM10 and sulfate.

TABLE 3
2005 Maximum 24-Hour Average Sulfur Dioxide Concentrations*

| Basin/County | Maximum 24-hr Avg. ppm | Percent Federal Standard | Area |
|-----------------------|---------------------------------------|---|-------------------------------|
| South Coast Air Basin | | | |
| Los Angeles | 0.012 | 9% | Southwest Coastal LA County |
| Orange | 0.008 | 6% | North Coastal Orange County |
| Riverside | 0.011 | 8% | Metropolitan Riverside County |
| San Bernardino | 0.004 | 3% | Central San Bernardino Valley |
| Salton Sea Air Basin | | | |
| Riverside | N.D. | | |

N.D. = No Data. Historical measurements indicate concentrations are below standard.

* Federal standard = 0.14 ppm

SULFATE ($\text{SO}_4^{=}$)

Properties

Sulfates are chemical compounds which contain the sulfate ion ($\text{SO}_4^{=}$), and are part of the mixture of solid materials which make up PM10 and TSP. Most of the sulfates in the atmosphere are produced by oxidation of sulfur dioxide. Oxidation of sulfur dioxide yields sulfur trioxide (SO_3) which reacts with water to give sulfuric acid (H_2SO_4), which contributes to acid precipitation. The reaction of sulfuric acid with basic substances such as ammonia yields sulfates, a component of PM10.

Current Sulfate Air Quality

In 2005 sulfate concentrations were measured at 12 Basin locations. Table 4 shows the 2005 maximum 24-hour average concentrations in the District by Basin and county. The maximum sulfate concentration ($17.3 \mu\text{g}/\text{m}^3$) recorded in the District was 69 percent of the state standard.

The percent of days exceeding the standard and the maximum 24-hour average concentration at each monitoring location for the years 1990-2005 are given in Tables A-24 and A-25 ~~A-19 and A-20~~ in the Attachment.

TABLE 4
2005 Maximum 24-Hour Average Sulfate Concentrations

| Basin/County | Maximum 24-hr. Avg. $\mu\text{g}/\text{m}^3$ | Percent State Standard | Area |
|-----------------------|--|------------------------------|-------------------------------|
| South Coast Air Basin | | | |
| Los Angeles | 17.3 | 69% | South Central LA County |
| Orange | N.D. | | |
| Riverside | 10.3 | 41% | Metropolitan Riverside County |
| San Bernardino | 10.9 | 44% | Central San Bernardino Valley |
| Salton Sea Air Basin | | | |
| Riverside | N.D. | | |

N.D. = No Data. Historical measurements indicated concentrations were well below the standard.

* State standard = $25 \mu\text{g}/\text{m}^3$

(Corrected table numbers on pages II-2-24.)

of the federal standard, and a maximum monthly average ($0.44 \mu\text{g}/\text{m}^3$) 29 percent of the state standard.

Maximum quarterly average and monthly average lead concentrations at each of the regular monitoring sites for the years 1990-2005 are given in Tables A-26 and A-27 ~~A-21 and A-22~~ in the Attachment.

(Added PM2.5 trend tables in Attachment and corrected table numbers for all tables following the five new tables.)

TABLE A-11
Suspended Particulates (PM2.5)
Annual Arithmetic Mean, $\mu\text{g}/\text{m}^3$

| STN# | LOCATION | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|------------------------------------|-------|-------|-------|------|------|------|-------|
| LOS ANGELES COUNTY: | | | | | | | | |
| 060 | East San Gabriel Valley | 25.6 | 20.1 | 21.8 | 20.8 | 19.2 | 18.4 | 17.0* |
| 069 | East San Fernando Valley | 23.3 | 23.8* | 24.9 | 24.0 | 20.9 | 19.2 | 17.9 |
| 072 | South Coastal Los Angeles County 1 | 21.5 | 19.2* | 21.4 | 19.5 | 18.0 | 17.6 | 16.0 |
| 074 | West San Fernando Valley | 17.5* | 18.1 | 18.5 | 18.9 | 16.4 | 15.6 | 13.9 |
| 077 | South Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | 16.6 | 14.7 |
| 084 | South Central Los Angeles County | 24.2 | 23.0 | 24.5 | 23.3 | 20.2 | 18.5 | 17.5 |
| 085 | South San Gabriel Valley | 25.7 | 24.1 | 26.1 | 23.9 | 20.6 | 19.9 | 17.0* |
| 087 | Central Los Angeles | 23.1 | 22.0 | 22.9 | 21.8 | 21.3 | 19.6 | 18.1 |
| 088 | West San Gabriel Valley | 20.6* | 19.3 | 20.9 | 20.3 | 18.6 | 16.6 | 15.1 |
| ORANGE COUNTY: | | | | | | | | |
| 3176 | Central Orange County | 24.4 | 21.0* | 22.4* | 18.6 | 17.3 | 16.8 | 14.7 |
| 3812 | Saddleback Valley | 16.8* | 14.7 | 15.8 | 15.5 | 13.1 | 12.1 | 10.7 |
| RIVERSIDE COUNTY: | | | | | | | | |
| 4137 | Coachella Valley 1** | -- | 9.6 | 10.8 | 10.0 | 9.0 | 9.0 | 8.4* |
| 4144 | Metropolitan Riverside County 1 | 30.9 | 28.2* | 31.1 | 27.5 | 24.9 | 22.1 | 21.0 |
| 4146 | Metropolitan Riverside County 2 | 26.9 | 25.5 | 28.3 | 27.1 | 22.6 | 20.8 | 18.0 |
| 4157 | Coachella Valley 2** | 12.6* | 11.2 | 12.2 | 12.0 | 11.4 | 10.7 | 10.5 |
| SAN BERNARDINO COUNTY: | | | | | | | | |
| 5197 | Central San Bernardino Valley 1 | 25.9 | 24.5 | 24.8 | 24.3 | 21.8 | 20.0 | 18.9 |
| 5203 | Central San Bernardino Valley 2 | 25.7 | 25.4* | 26.2 | 25.7 | 22.2 | 22.0 | 17.4 |
| 5817 | Southwest San Bernardino Valley | 25.7 | 24.2 | 26.2 | 25.2 | 23.8 | 20.9 | 18.8 |
| 5818 | East San Bernardino Mountains | 10.3 | 10.6 | 10.9 | 11.3 | 10.5 | 9.5 | 12.1 |
| District Maximum | | 30.9 | 28.2 | 31.1 | 27.5 | 24.9 | 22.1 | 21.0 |

* Less than 12 full months of data.

** Salton Sea Air Basin

TABLE A-12

Suspended Particulates (PM2.5) - Percent of Sampling Days
Exceeding Federal Standard (65 µg/m³)

| STN# | LOCATION | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|------------------------------------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | |
| 060 | East San Gabriel Valley | 2 | 1.5 | 1.3 | 0.3 | 1.0 | 0.4 | 0.3* |
| 069 | East San Fernando Valley | 1 | 4.3* | 3.4 | 0 | 1.1 | 0 | 0 |
| 072 | South Coastal Los Angeles County 1 | 1 | 1.3* | 0.3 | 0 | 0.9 | 0.3 | 0 |
| 074 | West San Fernando Valley | 1* | 1.9 | 0.9 | 0 | 0 | 0 | 0 |
| 077 | South Coastal Los Angeles County 2 | -- | -- | -- | -- | 0 | 0 | 0 |
| 084 | South Central Los Angeles County | 1 | 1.7 | 2.6 | 0 | 0 | 0 | 0 |
| 085 | South San Gabriel Valley | 2 | 3.4 | 3.2 | 0 | 0.9 | 0 | 0* |
| 087 | Central Los Angeles | 2 | 3.3 | 1.2 | 0.3 | 1.5 | 0.6 | 0.6 |
| 088 | West San Gabriel Valley | 1* | 0.9 | 0.9 | 0 | 0.9 | 0 | 0 |
| ORANGE COUNTY: | | | | | | | | |
| 3176 | Central Orange County | 2 | 2.2* | 0.4* | 0.3 | 0.9 | 0 | 0 |
| 3812 | Saddleback Valley | 0* | 0.8 | 0 | 0 | 0 | 0 | 0 |
| RIVERSIDE COUNTY: | | | | | | | | |
| 4137 | Coachella Valley 1** | -- | 0 | 0 | 0 | 0 | 0 | 0* |
| 4144 | Metropolitan Riverside County 1 | 6 | 3.6* | 5.8 | 2.5 | 2.3 | 1.5 | 1.2 |
| 4146 | Metropolitan Riverside County 2 | 2 | 4.5 | 4.7 | 1.7 | 0.9 | 1.8 | 0.9 |
| 4157 | Coachella Valley 2** | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| SAN BERNARDINO COUNTY: | | | | | | | | |
| 5197 | Central San Bernardino Valley 1 | 3 | 1.8 | 3.5 | 0.9 | 0.9 | 1.0 | 0.9 |
| 5203 | Central San Bernardino Valley 2 | 4 | 2.9* | 4.5 | 2.6 | 0.8 | 3.8 | 0.9 |
| 5817 | Southwest San Bernardino Valley | 2 | 1.8 | 1.8 | 0 | 2.5 | 1.8 | 0.9 |
| 5818 | East San Bernardino Mountains | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District Maximum | | 6 | 4.5 | 5.8 | 2.6 | 2.5 | 3.8 | 1.2 |

* Less than 12 full months of data.

** Salton Sea Air Basin

TABLE A-13

**Suspended Particulates (PM2.5) - Percent of Sampling Days
Exceeding the New Federal Standard (35 µg/m³)*****

| STN# | LOCATION | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|------------------------------------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | |
| 060 | East San Gabriel Valley | 17 | 9 | 14 | 12 | 9 | 8 | 6* |
| 069 | East San Fernando Valley | 18 | 14* | 16 | 19 | 14 | 10 | 8 |
| 072 | South Coastal Los Angeles County 1 | 9 | 11* | 14 | 9 | 7 | 7 | 4 |
| 074 | West San Fernando Valley | 8* | 8 | 7 | 10 | 7 | 4 | 4 |
| 077 | South Coastal Los Angeles County 2 | -- | -- | -- | -- | 10 | 5 | 2 |
| 084 | South Central Los Angeles County | 18 | 14 | 16 | 18 | 9 | 7 | 7 |
| 085 | South San Gabriel Valley | 20 | 13 | 22 | 19 | 9 | 9 | 9* |
| 087 | Central Los Angeles | 15 | 13 | 15 | 13 | 14 | 7 | 7 |
| 088 | West San Gabriel Valley | 9* | 6 | 8 | 11 | 10 | 6 | 4 |
| ORANGE COUNTY: | | | | | | | | |
| 3176 | Central Orange County | 17 | 14* | 16* | 9 | 7 | 6 | 4 |
| 3812 | Saddleback Valley | 4* | 4 | 5 | 3 | 3 | 3 | 0 |
| RIVERSIDE COUNTY: | | | | | | | | |
| 4137 | Coachella Valley 1** | -- | 0 | 1 | 1 | 0 | 0 | 0* |
| 4144 | Metropolitan Riverside County 1 | 30 | 26* | 33 | 25 | 21 | 15 | 11 |
| 4146 | Metropolitan Riverside County 2 | 25 | 22 | 23 | 24 | 19 | 13 | 5 |
| 4157 | Coachella Valley 2** | 0* | 0 | 0 | 0 | 0 | 0 | 2 |
| SAN BERNARDINO COUNTY: | | | | | | | | |
| 5197 | Central San Bernardino Valley 1 | 17 | 19 | 15 | 19 | 14 | 14 | 6 |
| 5203 | Central San Bernardino Valley 2 | 21 | 21* | 23 | 24 | 15 | 15 | 3 |
| 5817 | Southwest San Bernardino Valley | 22 | 14 | 21 | 18 | 17 | 13 | 7 |
| 5818 | East San Bernardino Mountains | -- | 0 | 0 | 0 | 0 | 0 | 4 |
| District Maximum | | 30 | 22 | 33 | 25 | 21 | 15 | 11 |

* Less than 12 full months of data.

** Salton Sea Air Basin

***Effective December 17, 2006, U.S. EPA has strengthen the standard level from 65 µg/m³ to 35 µg/m³.

TABLE A-14
Suspended Particulates (PM2.5)
Annual Maximum 24-Hour Average, µg/m³

| STN# | LOCATION | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|------------------------------------|-------|--------|-------|------|-------|------|--------|
| LOS ANGELES COUNTY: | | | | | | | | |
| 060 | East San Gabriel Valley | 81.3 | 92.5 | 79.7 | 72.4 | 121.2 | 75.6 | 132.7* |
| 069 | East San Fernando Valley | 79.5 | 84.4* | 94.7 | 63.0 | 120.6 | 60.1 | 63.2 |
| 072 | South Coastal Los Angeles County 1 | 66.9 | 81.5* | 72.9 | 62.7 | 115.2 | 66.6 | 53.9 |
| 074 | West San Fernando Valley | 79.0* | 67.5 | 71.1 | 48.8 | 47.5 | 56.2 | 39.6 |
| 077 | South Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | 59.7 | 50.8 |
| 084 | South Central Los Angeles County | 67.8 | 82.1 | 73.1 | 64.0 | 54.8 | 55.8 | 54.6 |
| 085 | South San Gabriel Valley | 85.6 | 89.5 | 77.3 | 61.0 | 90.3 | 60.7 | 58.2* |
| 087 | Central Los Angeles | 69.3 | 87.8 | 73.4 | 66.3 | 83.7 | 75.0 | 73.7 |
| 088 | West San Gabriel Valley | 73.0* | 66.3 | 78.1 | 57.8 | 89.0 | 59.4 | 62.9 |
| ORANGE COUNTY: | | | | | | | | |
| 3176 | Central Orange County | 68.7 | 113.9* | 70.8* | 68.6 | 115.5 | 58.9 | 54.7 |
| 3812 | Saddleback Valley | 56.6* | 94.7 | 53.4 | 58.5 | 50.6 | 49.4 | 35.4 |
| RIVERSIDE COUNTY: | | | | | | | | |
| 4137 | Coachella Valley 1** | -- | 28.5 | 44.7 | 42.3 | 21.2 | 27.1 | 26.2* |
| 4144 | Metropolitan Riverside County 1 | 111.2 | 119.6* | 98.0 | 77.6 | 104.3 | 91.7 | 98.7 |
| 4146 | Metropolitan Riverside County 2 | 90.0 | 79.3 | 74.9 | 75.5 | 73.3 | 93.8 | 95.0 |
| 4157 | Coachella Valley 2** | 29.6* | 28.6 | 33.5 | 26.8 | 26.8 | 28.5 | 44.4 |
| SAN BERNARDINO COUNTY: | | | | | | | | |
| 5197 | Central San Bernardino Valley 1 | 98.0 | 72.9 | 74.8 | 66.6 | 98.1 | 71.4 | 96.8 |
| 5203 | Central San Bernardino Valley 2 | 121.5 | 89.8* | 78.5 | 82.1 | 73.9 | 93.4 | 106.3 |
| 5817 | Southwest San Bernardino Valley | 85.8 | 73.4 | 71.2 | 64.8 | 88.9 | 86.1 | 87.8 |
| 5818 | East San Bernardino Mountains | 32.1 | 29.0 | 34.6 | 34.1 | 35.0 | 28.6 | 38.8 |
| District Maximum | | 121.5 | 119.6 | 98.0 | 82.1 | 121.2 | 93.8 | 132.7 |

* Less than 12 full months of data.

** Salton Sea Air Basin

TABLE A-15
Suspended Particulates (PM2.5)
24-Hour Average 98th Percentile Concentration, µg/m³

| STN# | LOCATION | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|------------------------------------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | |
| 060 | East San Gabriel Valley | 64 | 62 | 61 | 51 | 56 | 54 | 53 |
| 069 | East San Fernando Valley | 50 | 83 | 69 | 55 | 60 | 49 | 51 |
| 072 | South Coastal Los Angeles County 1 | 51 | 64 | 49 | 47 | 47 | 46 | 41 |
| 074 | West San Fernando Valley | 40 | 50 | 57 | 45 | 45 | 53 | 36 |
| 077 | South Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | 42 | 38 |
| 084 | South Central Los Angeles County | 53 | 63 | 66 | 53 | 52 | 53 | 48 |
| 085 | South San Gabriel Valley | 60 | 71 | 67 | 58 | 50 | 52 | 54 |
| 087 | Central Los Angeles | 52 | 73 | 58 | 55 | 61 | 50 | 53 |
| 088 | West San Gabriel Valley | 60 | 54 | 55 | 49 | 48 | 47 | 43 |
| ORANGE COUNTY: | | | | | | | | |
| 3176 | Central Orange County | 66 | 66 | 59 | 48 | 52 | 48 | 42 |
| 3812 | Saddleback Valley | 45 | 37 | 46 | 46 | 38 | 39 | 31 |
| RIVERSIDE COUNTY: | | | | | | | | |
| 4137 | Coachella Valley 1** | -- | 23 | 33 | 23 | 20 | 23 | 25 |
| 4144 | Metropolitan Riverside County 1 | 79 | 77 | 74 | 66 | 77 | 60 | 58 |
| 4146 | Metropolitan Riverside County 2 | 62 | 67 | 66 | 64 | 56 | 54 | 41 |
| 4157 | Coachella Valley 2** | 30 | 26 | 30 | 22 | 25 | 27 | 25 |
| SAN BERNARDINO COUNTY: | | | | | | | | |
| 5197 | Central San Bernardino Valley 1 | 66 | 65 | 70 | 57 | 54 | 63 | 48 |
| 5203 | Central San Bernardino Valley 2 | 72 | 70 | 68 | 66 | 58 | 72 | 43 |
| 5817 | Southwest San Bernardino Valley | 86 | 65 | 65 | 57 | 67 | 60 | 50 |
| 5818 | East San Bernardino Mountains | 31 | 27 | 30 | 32 | 29 | 23 | 37 |
| District Maximum | | 86 | 83 | 74 | 66 | 77 | 72 | 58 |

* Less than 12 full months of data.

** Salton Sea Air Basin

TABLE A-1611

Carbon Monoxide - Number of Days Maximum 8-Hour Average***
Exceeded the Federal Standard (≥ 9.5 ppm)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 069 | East San Fernando Valley | 10 | 8 | 3 | 0 | 5 | 4 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 072 | South Coastal Los Angeles County | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 074 | West San Fernando Valley | 12 | 9 | 1 | 0 | 4 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 075 | Pomona/Walnut Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 084 | South Central Los Angeles County 1 | 42 | 37 | 31 | 22 | 22 | 13 | 20 | 14 | 10 | 8 | 2 | 0 | 1 | 0 | 0 | 0 |
| 085 | South San Gabriel Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 087 | Central Los Angeles | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 088 | West San Gabriel Valley | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 090 | Santa Clarita Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 091 | Northwest Coastal Los Angeles County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 094 | Southwest Coastal Los Angeles County 1 | 10 | 7 | 7 | 3 | 5 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 |
| 591 | East San Gabriel Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0* | 0 | 0 | 0 | 0 |
| 3177 | North Orange County | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3186 | Saddleback Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | -- | -- | -- | -- | -- |
| 3195 | North Coastal Orange County | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 |
| 3812 | Saddleback Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4144 | Metropolitan Riverside County 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4146 | Metropolitan Riverside County 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| 4150 | San Gorgonio Pass | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4155 | Norco/Corona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4158 | Lake Elsinore | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0 | 0* | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5181 | Central San Bernardino Mountains | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 0 | 0* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0* | -- | -- |
| 5203 | Central San Bernardino Valley 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 |
| 5204 | East San Bernardino Valley 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-1712

Carbon Monoxide - Number of Days Maximum 8-Hour Average***
Exceeded the Federal Alert Level (> 15 ppm)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 069 | East San Fernando Valley | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 072 | South Coastal Los Angeles County | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 074 | West San Fernando Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 075 | Pomona/Walnut Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 084 | South Central Los Angeles County 1 | 4 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 085 | South San Gabriel Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 087 | Central Los Angeles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 088 | West San Gabriel Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 090 | Santa Clarita Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 091 | Northwest Coastal Los Angeles County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 094 | Southwest Coastal Los Angeles County 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 |
| 591 | East San Gabriel Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0* | 0 | 0 | 0 | 0 |
| 3177 | North Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3186 | Saddleback Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | -- | -- | -- | -- | -- |
| 3195 | North Coastal Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 |
| 3812 | Saddleback Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 0 | 0 | 0* | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4144 | Metropolitan Riverside County 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4146 | Metropolitan Riverside County 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| 4150 | San Gorgonio Pass | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4155 | Norco/Corona | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4158 | Lake Elsinore | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0 | 0* | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 |
| 5181 | Central San Bernardino Mountains | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 0 | 0* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0* | -- | -- |
| 5203 | Central San Bernardino Valley 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 |
| 5204 | East San Bernardino Valley 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District Maximum | | 4 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-183
Carbon Monoxide
Annual Maximum 8-Hour Average, ppm***

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|-------|-------|-------|-------|------|------|------|------|-------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 5.1 | 5.9 | 4.9 | 4.0 | 4.5 | 6.3 | 4.0 | 4.3 | 3.9 | 3.9 | 4.9 | 2.9 | 2.4 | 2.6 | 2 | 1.7 |
| 069 | East San Fernando Valley | 13.0 | 10.6 | 10.5 | 8.4 | 10.7 | 12.0 | 9.3 | 7.4 | 7.5 | 9.0 | 6.1 | 4.9 | 4.6 | 4.7* | 3.7 | 3.4 |
| 072 | South Coastal Los Angeles County | 9.1 | 9.3 | 8.1 | 6.9 | 8.9 | 6.6 | 6.9 | 6.7 | 6.6 | 5.4 | 5.8 | 4.7 | 4.6 | 4.7 | 3.4 | 3.5 |
| 074 | West San Fernando Valley | 14.9 | 13.5 | 9.9 | 9.0 | 10.8 | 10.3 | 8.5 | 9.8 | 9.3 | 7.6 | 9.8 | 6.0 | 4.8 | 4.1 | 3.5 | 3.5 |
| 075 | Pomona/Walnut Valley | 7.5 | 7.1 | 8.3 | 5.5 | 6.8 | 6.1 | 5.0 | 5.0 | 7.3 | 6.7 | 4.9 | 3.4 | 3.3 | 4.4 | 3.1 | 2.5 |
| 084 | South Central Los Angeles County 1 | 16.8 | 17.4 | 18.75 | 14.63 | 18.10 | 13.86 | 17.3 | 17.0 | 13.4 | 11.0 | 10.0 | 7.7 | 10.1 | 7.3 | 6.7 | 5.9 |
| 085 | South San Gabriel Valley | 9.4 | 9.1 | 8.62 | 6.43 | 9.29 | 7.86 | 8.1 | 6.2 | 6.1 | 5.6 | 5.3 | 4.0 | 4 | 4 | 3.6 | 2.4* |
| 087 | Central Los Angeles | 9.9 | 9.0 | 9.50 | 6.75 | 8.43 | 8.37 | 8.4 | 7.9 | 6.1 | 6.3 | 6.0 | 4.6 | 4 | 4.6 | 3.2 | 3.1 |
| 088 | West San Gabriel Valley | 10.0 | 9.5 | 7.25 | 6.25 | 8.50 | 9.12 | 7.1 | 6.0 | 6.3 | 6.6 | 7.4 | 5.0 | 4 | 3.8 | 3.4 | 2.8 |
| 090 | Santa Clarita Valley | 4.6 | 5.1 | 3.71 | 3.86 | 3.86 | 4.12 | 3.9 | 6.8 | 3.4 | 3.6 | 4.9 | 3.1 | 1.9 | 1.7 | 3.7 | 1.3 |
| 091 | Northwest Coastal Los Angeles County | 8.0 | 6.1 | 5.87 | 5.43 | 6.00 | 5.62 | 4.5 | 4.4 | 4.5 | 3.8 | 4.3 | 3.0 | 2.7 | 2.7 | 2.3 | 2.1 |
| 094 | Southwest Coastal Los Angeles County 1 | 12.7 | 11.3 | 12.29 | 10.71 | 12.00 | 8.86 | 11.6 | 10.3 | 9.4 | 8.4 | 7.0 | 5.1 | 6.1 | 5 | 4.4* | -- |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.0* | 2.1 | |
| 591 | East San Gabriel Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.1 | 2.5-- | 2.3 | 2.1 | 2 | 1.9 | |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 11.7 | 8.6 | 9.37 | 7.71 | 8.62 | 8.00 | 7.5 | 5.8 | 5.3 | 5.3 | 6.8 | 4.7 | 5.4 | 3.9 | 4.1 | 3.3 |
| 3177 | North Orange County | 9.6 | 8.0 | 9.14 | 6.00 | 8.75 | 6.62 | 6.9 | 6.0 | 6.1 | 5.3 | 6.1 | 4.7 | 4.4 | 4.1 | 4 | 3.1 |
| 3186 | Saddleback Valley 1 | 5.6 | 4.8 | 7.25 | 4.13 | 5.37 | 4.00 | 4.0 | 3.6 | 3.1 | 2.5 | 2.3 | -- | -- | -- | -- | -- |
| 3195 | North Coastal Orange County | 10.7 | 8.1 | 9.14 | 7.33 | 7.86 | 6.57 | 7.3 | 5.8 | 7.0 | 6.4 | 6.3 | 4.6 | 4.3 | 5.8 | 4.1 | 3.2 |
| 3812 | Saddleback Valley 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.3 | 2.4 | 3.6 | 1.8 | 1.6 | 1.6 | |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 2.3 | 2.5 | 2.4 | 2.00 | 1.87 | 1.50 | 1.6 | 1.4 | 1.6 | 1.8 | 1.6 | 1.5 | 1.2 | 1.3* | 1 | 0.8 |
| 4144 | Metropolitan Riverside County 1 | 6.3 | 7.4 | 5.25 | 7.13 | 5.75 | 5.71 | 5.0 | 5.8 | 4.6 | 4.4 | 4.3 | 3.4 | 3 | 3.7 | 3 | 2.5 |
| 4146 | Metropolitan Riverside County 2 | 7.3 | 6.9 | 6.12 | 6.25 | 7.25 | 6.50 | 5.4 | 5.0 | 4.6 | 4.1 | 4.3 | 4.5 | 3.9 | 3.4 | 2.1 | 2.4 |
| 4157 | Coachella Valley 2** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.1 | -- | -- | -- | -- | -- | |
| 4158 | Lake Elsinore | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.0 | 2.0 | 2 | 1.3* | 0.9 | 1 | |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 6.6 | 4.6 | -- | -- | -- | -- | -- | -- | -- | 2.6 | 1.8 | 1.6 | 2.9 | 2.1 | 1.8 | |
| 5181 | Central San Bernardino Mountains | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 5197 | Central San Bernardino Valley 1 | 4.9 | 4.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.1* | 2.1 | |
| 5203 | Central San Bernardino Valley 2 | 6.0 | 7.0 | 5.9 | 6.0 | 6.5 | 6.3 | 4.6 | 6.0 | 4.6 | 4.0 | 4.3 | 3.3 | 3.3 | 4.6 | 3.3 | 2.4 |
| 5204 | East San Bernardino Valley 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| District Maximum | | 16.8 | 17.4 | 18.8 | 14.6 | 18.1 | 13.9 | 17.3 | 17.0 | 13.5 | 11.7 | 10.0 | 7.7 | 10.1 | 7.3 | 6.7 | 5.9 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

TABLE A-194

Nitrogen Dioxide - Annual Average of All Hours, pphm***
 (To Be Compared to Federal Standard of 5.34 pphm, Annual Average of All Hours)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 4.10 | 4.50 | 4.03 | 4.00 | 4.30 | 4.64 | 4.15 | 3.38 | 3.64 | 3.90 | 3.66 | 3.31 | 3.36 | 2.96 | 2.04 | 2.51 |
| 069 | East San Fernando Valley | 4.79 | 4.68 | 5.01 | 4.40 | 4.97 | 4.54 | 4.61 | 4.24 | 4.16 | 4.56 | 4.15 | 4.19 | 4.02 | 3.56* | 3.32 | 2.94 |
| 072 | South Coastal Los Angeles County | 3.93 | 4.11 | 3.89 | 3.57 | 3.46 | 3.67 | 3.42 | 3.33 | 3.39 | 3.42 | 3.13 | 3.08 | 2.98 | 2.88* | 2.80 | 2.41 |
| 074 | West San Fernando Valley | 3.40 | 3.99 | 3.17 | 3.06 | 3.39 | 3.17 | 3.07 | 2.60 | 2.66 | 2.87 | 2.85 | 2.66 | 2.48 | 2.6* | 2.14 | 2.02 |
| 075 | Pomona/Walnut Valley 1 | 5.55 | 5.50 | 5.07 | 4.99 | 4.80 | 4.56 | 4.26 | 4.33 | 4.33 | 5.03 | 4.35 | 3.71 | 3.65 | 3.52 | 3.14 | 3.12 |
| 084 | South Central Los Angeles County 1 | 4.08 | 4.37 | 4.55 | 4.09 | 4.99 | 4.63 | 4.12 | 4.28 | 3.93 | 4.28 | 3.86 | 3.69 | 3.57 | 3.12 | 3.01 | -- |
| 085 | South San Gabriel Valley | 4.99 | 4.69 | 4.43 | 4.28 | 4.49 | 4.56 | 3.93 | 3.63 | 3.69 | 3.91 | 3.66 | 3.52 | 3.44 | 3.53 | 3.05 | 3.12 |
| 087 | Central Los Angeles | 4.67 | 4.93 | 4.04 | 3.32 | 4.76 | 4.50 | 4.36 | 4.30 | 3.98 | 3.91 | 4.04 | 3.78 | 3.27 | 3.38 | 3.28 | 3.08* |
| 088 | West San Gabriel Valley | 4.74 | 5.02 | 4.23 | 3.90 | 4.28 | 3.75 | 3.78 | 3.41 | 3.51 | 3.79 | 2.96 | 3.45 | 3.35 | 3.22 | 2.70 | 2.78 |
| 090 | Santa Clarita Valley | 3.16 | 3.24 | 2.76 | 2.89 | 3.27 | 3.05 | -- | -- | -- | 2.84 | 2.46 | 2.39 | 2.00 | 2.21 | 2.04 | 2.41 |
| 091 | Northwest Coastal Los Angeles County | 3.24 | 2.78 | 2.84 | 2.87 | 2.96 | 2.78 | 2.89 | 2.85 | 2.71 | 2.91 | 2.73 | 2.51 | 2.49 | 2.31 | 1.98 | 1.90 |
| 094 | Southwest Coastal Los Angeles County 1 | 3.39 | 2.98 | 3.20 | 3.00 | 3.22 | 3.05 | 2.85 | 2.80 | 2.95 | 2.95 | 2.75 | 2.50 | 2.44* | 2.38 | 3.10* | 1.78 |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.36* | 1.34 |
| 591 | East San Gabriel Valley 2 | 3.77 | 4.30 | 3.53 | 3.39 | 3.62 | 3.80 | 3.28 | 3.00 | 2.76 | 3.28 | 2.90 | 2.74 | 2.72 | 2.71 | 2.40 | 2.24 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 4.69 | 4.48 | 3.94 | 3.54 | 3.80 | 3.71 | 3.19 | 3.32 | 3.36 | 3.27 | 3.00 | 2.93* | 2.44 | 2.40 | 1.99 | 2.11 |
| 3177 | North Orange County | 4.47 | 4.26 | 3.79 | 3.87 | 4.14 | 3.91 | 3.54 | 3.29 | 3.44 | 3.51 | 3.04 | 2.75 | 2.56 | 2.84 | 2.52 | 2.49 |
| 3195 | North Coastal Orange County | 2.72 | 2.60 | 2.49 | 2.20 | 2.44 | 2.39 | 2.06 | 1.99 | 2.00 | 2.09 | 2.05 | 1.82 | 1.87 | 1.99 | 1.51 | 1.31 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 2.06 | 2.08 | 2.10 | 1.95 | 2.19 | 2.23 | 2.10 | 1.58 | 1.70 | 1.95 | 1.78 | 1.75 | 1.72 | 1.73* | 1.30 | 1.20 |
| 4144 | Metropolitan Riverside County | 3.36 | 3.51 | 3.04 | 2.98 | 3.20 | 3.06 | 2.94 | 2.62 | 2.25 | 2.25 | 2.36 | 2.47 | 2.37 | 2.17 | 1.72 | 2.22 |
| 4149 | Perris Valley | 2.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4157 | Coachella Valley 2** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.99 | -- | -- | -- | -- | -- | -- |
| 4158 | Lake Elsinore | -- | -- | -- | -- | 2.12 | 2.08 | 1.82 | 1.65 | 1.74 | 2.00 | 1.75 | 1.85 | 1.73 | 1.82* | 1.51 | 1.42 |
| 4164 | Banning Airport | -- | -- | -- | -- | -- | -- | -- | -- | 2.15 | 2.43 | 2.37 | 2.11 | 1.99 | 1.93* | 1.65 | 1.48 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 4.11 | 4.28 | 3.96 | 4.21 | 4.15 | 4.64 | 3.87 | 3.41 | 3.59 | 3.98 | 3.80 | 3.84 | 3.69 | 3.49 | 3.05 | 3.13 |
| 5197 | Central San Bernardino Valley 1 | 3.43 | 3.77 | 3.44 | 3.72 | 4.03 | 4.24 | 3.86 | 3.65 | 3.62 | 3.88 | 3.64 | 3.58 | 3.34* | 3.07 | 2.73 | 3.10 |
| 5203 | Central San Bernardino Valley 2 | 3.93 | 3.55 | 3.56 | 3.76 | 4.11 | 4.04 | 3.84 | 3.53 | 3.39 | 3.58 | 3.25 | 3.03 | 2.96 | 2.70 | 2.61 | 2.59 |
| | District Maximum | 5.55 | 5.50 | 5.07 | 4.99 | 4.99 | 4.64 | 4.61 | 4.33 | 4.33 | 5.03 | 4.35 | 4.19 | 4.02 | 3.56 | 3.32 | 3.13 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-2015

Nitrogen Dioxide - Number of Days 1-Hour Average
Exceeded the State Standard (> .25 ppm)***

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 069 | East San Fernando Valley | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 072 | South Coastal Los Angeles County | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 074 | West San Fernando Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 075 | Pomona/Walnut Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 084 | South Central Los Angeles County 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 085 | South San Gabriel Valley | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 087 | Central Los Angeles | 3 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 088 | West San Gabriel Valley | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 090 | Santa Clarita Valley | 0 | 0 | 0 | 0 | 0 | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 091 | Northwest Coastal Los Angeles County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 094 | Southwest Coastal Los Angeles County 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 0 |
| 591 | East San Gabriel Valley 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3177 | North Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3195 | North Coastal Orange County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3812 | Saddleback Valley | | | | | | | | | | | | | | | | |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4144 | Metropolitan Riverside County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4149 | Perris Valley | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4157 | Coachella Valley 2** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | -- | -- | -- | -- | -- | -- |
| 4158 | Lake Elsinore | -- | -- | -- | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4164 | Banning Airport | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5197 | Central San Bernardino Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5203 | Central San Bernardino Valley 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-2116
Nitrogen Dioxide
Annual Maximum 1-Hour, ppm***

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 0.21 | 0.25 | 0.15 | 0.17 | 0.19 | 0.22 | 0.15 | 0.16 | 0.14 | 0.16 | 0.15 | 0.12 | 0.12 | 0.12 | 0.1 | 0.09 |
| 069 | East San Fernando Valley | 0.23 | 0.29 | 0.19 | 0.17 | 0.18 | 0.18 | 0.2 | 0.2 | 0.14 | 0.18 | 0.17 | 0.25 | 0.26 | 0.14 | 0.12 | 0.09 |
| 072 | South Coastal Los Angeles County | 0.27 | 0.28 | 0.18 | 0.2 | 0.2 | 0.21 | 0.17 | 0.2 | 0.16 | 0.15 | 0.14 | 0.13 | 0.13 | 0.14 | 0.12 | 0.14 |
| 074 | West San Fernando Valley | 0.19 | 0.17 | 0.17 | 0.15 | 0.17 | 0.14 | 0.16 | 0.2 | 0.14 | 0.12 | 0.11 | 0.09 | 0.09 | 0.13 | 0.08 | 0.09 |
| 075 | Pomona/Walnut Valley 1 | 0.21 | 0.22 | 0.18 | 0.2 | 0.17 | 0.18 | 0.18 | 0.15 | 0.15 | 0.16 | 0.14 | 0.13 | 0.11 | 0.12 | 0.11 | 0.08 |
| 084 | South Central Los Angeles County 1 | 0.26 | 0.26 | 0.25 | 0.23 | 0.2 | 0.21 | 0.25 | 0.2 | 0.16 | 0.18 | 0.14 | 0.15 | 0.14 | 0.13 | 0.1 | 0.11 |
| 085 | South San Gabriel Valley | 0.27 | 0.25 | 0.27 | 0.26 | 0.24 | 0.23 | 0.17 | 0.15 | 0.14 | 0.16 | 0.14 | 0.14 | 0.12 | 0.14 | 0.12 | 0.09 |
| 087 | Central Los Angeles | 0.28 | 0.38 | 0.3 | 0.21 | 0.22 | 0.24 | 0.25 | 0.2 | 0.17 | 0.21 | 0.16 | 0.14 | 0.14 | 0.16 | 0.16 | 0.13 |
| 088 | West San Gabriel Valley | 0.23 | 0.32 | 0.22 | 0.18 | 0.18 | 0.22 | 0.19 | 0.17 | 0.16 | 0.16 | 0.17 | 0.15 | 0.15 | 0.14 | 0.12 | 0.10 |
| 090 | Santa Clarita Valley | 0.15 | 0.17 | 0.11 | 0.13 | 0.12 | 0.16 | -- | -- | -- | 0.10 | 0.10 | 0.10 | 0.10 | 0.12 | 0.09 | 0.09 |
| 091 | Northwest Coastal Los Angeles County | 0.2 | 0.25 | 0.17 | 0.17 | 0.16 | 0.2 | 0.18 | 0.14 | 0.13 | 0.13 | 0.16 | 0.11 | 0.11 | 0.12 | 0.09 | 0.08 |
| 094 | Southwest Coastal Los Angeles County 1 | 0.23 | 0.21 | 0.19 | 0.16 | 0.22 | 0.18 | 0.15 | 0.17 | 0.15 | 0.13 | 0.13 | 0.11 | 0.10 | 0.12 | 0.08 | -- |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.09* | 0.09 |
| 591 | East San Gabriel Valley 2 | 0.19 | 0.23 | 0.16 | 0.16 | 0.19 | 0.2 | 0.14 | 0.13 | 0.13 | 0.14 | 0.13 | 0.12 | 0.10 | 0.12 | 0.12 | 0.09 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 0.21 | 0.2 | 0.21 | 0.2 | 0.19 | 0.18 | 0.15 | 0.1 | 0.13 | 0.12 | 0.13 | 0.12 | 0.10 | 0.13 | 0.12 | 0.09 |
| 3177 | North Orange County | 0.22 | 0.2 | 0.17 | 0.18 | 0.23 | 0.2 | .16. | 0.15 | 0.13 | 0.16 | 0.12 | 0.13 | 0.12 | 0.16 | 0.12 | 0.09 |
| 3195 | North Coastal Orange County | 0.22 | 0.16 | 0.15 | 0.14 | 0.16 | 0.18 | 0.14 | 0.12 | 0.12 | 0.12 | 0.11 | 0.08 | 0.11 | 0.11 | 0.10 | 0.09 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 0.09 | 0.09 | 0.09 | 0.15 | 0.08 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 | 0.10 | 0.06 | 0.07 | 0.10 |
| 4144 | Metropolitan Riverside County | 0.16 | 0.16 | 0.23 | 0.14 | 0.18 | 0.15 | 0.11 | 0.12 | 0.1 | 0.13 | 0.1 | 0.15 | 0.10 | 0.09 | 0.09 | 0.08 |
| 4149 | Perris Valley | 0.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4157 | Coachella Valley 2** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.06 | -- | -- | -- | -- | -- |
| 4158 | Lake Elsinore | -- | -- | -- | -- | 0.11 | 0.21 | 0.1 | 0.11 | 0.09 | 0.11 | 0.08 | 0.09 | 0.07 | 0.08 | 0.06 | 0.07 |
| 4164 | Banning Airport | -- | -- | -- | -- | -- | -- | -- | -- | 0.26 | 0.31 | 0.21 | 0.24 | 0.15 | 0.09 | 0.08 | 0.07 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0.19 | 0.21 | 0.14 | 0.16 | 0.17 | 0.2 | 0.15 | 0.15 | 0.14 | 0.13 | 0.15 | 0.13 | 0.12 | 0.11 | 0.11 | 0.10 |
| 5197 | Central San Bernardino Valley 1 | 0.2 | 0.19 | 0.14 | 0.16 | 0.18 | 0.17 | 0.17 | 0.14 | 0.15 | 0.15 | 0.12 | 0.13 | 0.12 | 0.06 | 0.10 | |
| 5203 | Central San Bernardino Valley 2 | 0.2 | 0.16 | 0.13 | 0.15 | 0.16 | 0.16 | 0.15 | 0.14 | 0.11 | 0.14 | 0.1 | 0.11 | 0.11 | 0.1 | 0.12 | 0.008 |
| District Maximum | | 0.28 | 0.38 | 0.3 | 0.26 | 0.22 | 0.24 | 0.25 | 0.2 | 0.26 | 0.31 | 0.21 | 0.25 | 0.26 | 0.16 | 0.16 | 0.14 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Proposed Modification to Draft Appendix II: Current Air Quality

Table A-2217
Sulfur Dioxide - Annual Average, pphm***

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 060 | East San Gabriel Valley 1 | 0.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 069 | East San Fernando Valley | 0.18 | 0.09 | 0.10 | 0.12 | 0.07 | 0.01 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.07 | 0.05 | 0.14* | 0.26 | 0.25 |
| 072 | South Coastal Los Angeles County | 0.31 | 0.43 | 0.37 | 0.36 | 0.31 | 0.23 | 0.25 | 0.24 | 0.18 | 0.27 | 0.15 | 0.22 | 0.12 | 0.23 | 0.50 | 0.18 |
| 074 | West San Fernando Valley | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 084 | South Central Los Angeles County 1 | 0.33 | 0.30 | 0.31 | 0.23 | 0.26 | 0.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 085 | South San Gabriel Valley | 0.43 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 087 | Central Los Angeles | 0.17 | 0.17 | 0.15 | 0.03 | 0.07 | 0.10 | 0.15 | 0.07 | 0.08 | 0.23 | 0.09 | 0.28 | 0.21 | 0.21* | 0.24 | 0.18 |
| 088 | West San Gabriel Valley | 0.15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 090 | Santa Clarita Valley | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 091 | Northwest Coastal Los Angeles County | 0.21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 094 | Southwest Coastal Los Angeles County 1 | 0.35 | 0.40 | 0.57 | 0.31 | 0.22 | 0.27 | 0.25 | 0.14 | 0.39 | 0.40 | 0.17 | 0.41 | 0.08 | 0.06 | 0.08* | -- |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.28* | 0.56 | |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County 1 | 0.18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3177 | North Orange County | 0.11 | 0.12 | 0.06 | 0.06 | 0.09 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3190 | Central Orange County 2 | 0.19 | 0.11 | 0.11 | 0.08 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3195 | North Coastal Orange County | 0.07 | 0.07 | 0.06 | 0.05 | 0.07 | 0.07 | 0.01 | 0.03 | 0.04 | 0.07 | 0.05 | 0.15 | 0.12 | 0.10 | 0.16 | 0.16 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4144 | Metropolitan Riverside County | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.03 | 0.11 | 0.14 | 0.08 | 0.09 | 0.00 | 0.21 | 0.34 | 0.34 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 0.01 | 0.05 | 0.12 | 0.00 | 0.02 | 0.06 | 0.01 | 0.00 | 0.07 | 0.18 | 0.18 | 0.21 | 0.22* | 0.08 | 0.10 | 0.21 |
| 5203 | Central San Bernardino Valley 2 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | District Maximum | 0.43 | 0.43 | 0.57 | 0.36 | 0.31 | 0.30 | 0.25 | 0.24 | 0.39 | 0.40 | 0.18 | 0.41 | 0.22 | 0.23 | 0.50 | 0.56 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-2318
Sulfur Dioxide
Annual Maximum 1-Hour Average, ppm***

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 60 | East San Gabriel Valley | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 69 | East San Fernando Valley | 0.02 | 0.01 | 0.03 | 0.02 | 0.03 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01* | 0.02 | 0.01 |
| 72 | South Coastal Los Angeles County | 0.05 | 0.14 | 0.11 | 0.05 | 0.04 | 0.14 | 0.04 | 0.04 | 0.08 | 0.05 | 0.05 | 0.05 | 0.05 | 0.03 | 0.04 | 0.04 |
| 74 | West San Fernando Valley | 0.02 | - | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 84 | South Central Los Angeles County | 0.04 | 0.05 | 0.06 | 0.03 | 0.02 | 0.03 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 85 | South San Gabriel Valley | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 87 | Central Los Angeles | 0.02 | 0.02 | 0.05 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.14 | 0.05 | 0.08 | 0.03 | 0.02 | 0.05* | 0.08 | 0.07 |
| 88 | West San Gabriel Valley | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 90 | Santa Clarita Valley | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 91 | Northwest Coastal Los Angeles County | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 94 | Southwest Coastal Los Angeles County 1 | 0.31 | 0.12 | 0.15 | 0.07 | 0.04 | 0.06 | 0.06 | 0.1 | 0.03 | 0.09 | 0.17 | 0.04 | 0.07 | 0.03 | 0.03* | -- |
| 820 | Southwest Coastal Los Angeles County 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.02* | 0.04 |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County 1 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3177 | North Orange County | 0.03 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3190 | Central Orange County 2 | 0.03 | 0.03 | 0.1 | 0.02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3195 | North Coastal Orange County | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 0.03 | 0.01 |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4144 | Metropolitan Riverside County | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.04 | 0.03 | 0.03 | 0.11 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 0.01 | 0.05 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.03* | 0.01 | 0.01 | 0.01 |
| 5203 | Central San Bernardino Valley 2 | 0.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| District Maximum | | 0.31 | 0.14 | 0.15 | 0.07 | 0.04 | 0.14 | 0.06 | 0.1 | 0.14 | 0.09 | 0.17 | 0.05 | 0.07 | 0.05 | 0.08 | 0.07 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

Table A-2419

Sulfate - Percent of Sampling Days Exceeding the State Standard***
 ($\geq 25 \mu\text{g}/\text{m}^3$, 24-hour Average)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 60 | East San Gabriel Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | East San Fernando Valley | 2 | 0 | 0 | 0 | 0 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 72 | South Coastal Los Angeles County | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 84 | South Central Los Angeles County | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | South San Gabriel Valley | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | Central Los Angeles | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | West San Gabriel Valley | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | Northwest Coastal Los Angeles County | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | Southwest Coastal Los Angeles County | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County 1 | 0 | 0 | 0 | 0 | 0 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3186 | Saddleback Valley | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3190 | Central Orange County 2 | 0 | 0 | 0 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4144 | Metropolitan Riverside County 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4146 | Metropolitan Riverside County 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4149 | Perris Valley | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4150 | San Gorgonio Pass | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4157 | Coachella Valley 2** | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5171 | Southwest San Bernardino Valley | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5175 | Northwest San Bernardino Valley | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5181 | Central San Bernardino Mountains | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5203 | Central San Bernardino Valley 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

TABLE A-2520
Sulfate - Maximum 24-Hour Averages***
(To Be Compared to State Standard of 25 µg/m³, 24-Hour Average)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 60 | East San Gabriel Valley | 16.0 | 19.2 | 16.8 | 19.1 | 17.5 | 12.9 | 17.1 | 12.7 | 10.2 | 17.8 | 17.2 | 14.1 | 11.3 | 11.7 | 10.6 | 10.2 |
| 69 | East San Fernando Valley | 25.9 | 18.6 | 12.9 | 20.1 | 18.3 | 13.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 72 | South Coastal Los Angeles County | 22.6 | 19.9 | 22.6 | 15.6 | 17.1 | 16.9 | 19.9 | 11.4 | 14.5 | 13.7 | 26.7 | 15.9 | 17.8 | 17.8 | 15.9 | 16.8 |
| 84 | South Central Los Angeles County | 28.1 | 22.4 | 18.7 | 13.7 | 23.1 | 18.8 | 16.0 | 11.4 | 12.0 | 15.6 | 11.4 | 15.4 | 15.3 | 14.9 | 14.7 | 17.3 |
| 85 | South San Gabriel Valley | 21.1 | 21.6 | 17.0 | 15.5 | 26.2 | 16.3 | 13.7 | 13.1 | 12.0 | 25.6 | 13.1 | 14.5 | 11.2 | 14.4 | 12.4 | 9.9 |
| 87 | Central Los Angeles | 25.3 | 23.1 | 19.4 | 17.6 | 21.7 | 15.5 | 12.8 | 14.3 | 10.6 | 17.9 | 16.4 | 15.9 | 15.2 | 14.6 | 12.7 | 14.2 |
| 88 | West San Gabriel Valley | 28.4 | 20.1 | 11.5 | 18.8 | 14.5 | 13.2 | 12.0 | 11.6 | 9.2 | 16.4 | 13.9 | 13.4 | 10.5 | 12.7 | 11.2 | 11.2 |
| 91 | Northwest Coastal Los Angeles County | 24.8 | 20.9 | 12.3 | 18.1 | 26.8 | 13.3 | 12.2 | 14.0 | 11.2 | 13.9 | 14.1 | 15.6 | 14.6 | 14.3 | 11.4 | 11.7 |
| 94 | Southwest Coastal Los Angeles County | 24.8 | 24.7 | 17.6 | 20.5 | 26.7 | 20.4 | 18.4 | 14.4 | 13.5 | 18.8 | 16.2 | 20.6 | 15.6 | 16.4 | 13.1 | -- |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County 1 | 18.3 | 20.6 | 16.0 | 15.3 | 14.5 | 12.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3186 | Saddleback Valley | 13.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3190 | Central Orange County 2 | 16.8 | 16.9 | 16.0 | 14.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4137 | Coachella Valley 1** | 5.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4144 | Metropolitan Riverside County 1 | 19.9 | 14.8 | 12.3 | 13.7 | 20.4 | 26.3 | 14.9 | 13.1 | 10.1 | 10.7 | 11.0 | 10.7 | 11.7 | 10.1 | 9.8 | 10.3 |
| 4146 | Metropolitan Riverside County 2 | 19.3 | 12.8 | 12.1 | 15.1 | 15.7 | 22.9 | 17.0 | 10.4 | 12.8 | 10.6 | 10.2 | 9.2 | 10.5 | 10 | 9.1 | 10.3 |
| 4149 | Perris Valley | 12.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4150 | San Gorgonio Pass | 8.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4157 | Coachella Valley 2** | 7.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5171 | Southwest San Bernardino Valley | 19.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5175 | Northwest San Bernardino Valley | 18.7 | 19.0 | 13.2 | 17.1 | 15.8 | 12.5 | 13.6 | 9.7 | 10.5 | 11.7 | 11.5 | 10.7 | 11.5 | 11.8 | 9.2 | 8.4 |
| 5181 | Central San Bernardino Mountains | 6.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5197 | Central San Bernardino Valley 1 | 18.3 | 20.2 | 13.4 | 16.7 | 15.5 | 13.4 | 13.6 | 10.2 | 10.1 | 12.4 | 10.7 | 10.7 | 13.5 | 11.9 | 10.8 | 10.4 |
| 5203 | Central San Bernardino Valley 2 | 17.3 | 18.3 | 12.9 | 17.2 | 14.9 | 12.5 | 11.2 | 9.1 | 11.5 | 10.9 | 12.4 | 12.4 | 10.8 | 12.1 | 9.6 | 10.9 |
| District Maximum | | 28.4 | 24.7 | 22.6 | 20.5 | 26.8 | 26.3 | 19.9 | 14.4 | 14.5 | 25.6 | 26.7 | 20.6 | 17.8 | 17.8 | 15.9 | 17.3 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

TABLE A-261
Lead - Highest Calendar Quarter Mean, µg/m³***
(To Be Compared to Federal Standard of 1.5 µg/m³, Calendar Quarter Average)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 69 | East San Fernando Valley | 0.07 | 0.07 | 0.09 | 0.05 | 0.05 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 72 | South Coastal Los Angeles County | 0.07 | 0.07 | 0.05 | 0.05 | 0.04 | 0.04 | 0.08 | 0.03 | 0.04 | 0.05 | 0.04 | 0.04 | 0.02 | 0.05 | 0.01 | 0.01 |
| 84 | South Central Los Angeles County | 0.11 | 0.10 | 0.08 | 0.06 | 0.07 | 0.06 | 0.05 | 0.07 | 0.04 | 0.09 | 0.06 | 0.12 | 0.04 | 0.04 | 0.03 | 0.02 |
| 85 | South San Gabriel Valley | 0.11 | 0.14 | 0.10 | 0.11 | 0.08 | 0.06 | 0.06 | 0.06 | 0.05 | 0.09 | 0.06 | 0.05 | 0.05 | 0.04 | 0.02 | 0.03 |
| 87 | Central Los Angeles | 0.09 | 0.14 | 0.11 | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.04 | 0.07 | 0.05 | 0.05 | 0.03 | 0.15 | 0.03 | 0.02 |
| 94 | Southwest Coastal Los Angeles County | 0.06 | 0.06 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.02 | 0.10 | 0.01 | -- |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 0.06 | 0.06 | 0.03 | 0.04 | 0.03 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4144 | Metropolitan Riverside County 1 | 0.05 | 0.05 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 |
| 4146 | Metropolitan Riverside County 2 | 0.05 | 0.06 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0.05 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.02 | 0.02 | 0.01 | 0.02 |
| 5203 | Central San Bernardino Valley | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.05 | 0.05 | 0.04 | 0.02 | 0.08 | 0.01 | 0.01 |
| | District Maximum | 0.11 | 0.14 | 0.11 | 0.11 | 0.08 | 0.06 | 0.08 | 0.07 | 0.05 | 0.09 | 0.06 | 0.12 | 0.05 | 0.15 | 0.03 | 0.03 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data

TABLE A-272
Lead - Highest Monthly Averages, µg/m³***
(To Be Compared to State Standard of 1.5 µg/m³, Monthly Average)

| STN# | LOCATION | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|--------------------------------------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|
| LOS ANGELES COUNTY: | | | | | | | | | | | | | | | | | |
| 69 | East San Fernando Valley | 0.08 | 0.10 | 0.16 | 0.05 | 0.06 | 0.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 72 | South Coastal Los Angeles County | 0.09 | 0.08 | 0.07 | 0.06 | 0.06 | 0.05 | 0.08 | 0.05 | 0.07 | 0.06 | 0.05 | 0.05 | 0.03 | 0.10 | 0.02 | 0.01 |
| 84 | South Central Los Angeles County | 0.14 | 0.17 | 0.11 | 0.08 | 0.09 | 0.07 | 0.09 | 0.07 | 0.04 | 0.17 | 0.09 | 0.23 | 0.04 | 0.04 | 0.03 | 0.03 |
| 85 | South San Gabriel Valley | 0.13 | 0.19 | 0.15 | 0.15 | 0.10 | 0.07 | 0.09 | 0.08 | 0.07 | 0.21 | 0.09 | 0.07 | 0.06 | 0.05 | 0.03 | 0.03 |
| 87 | Central Los Angeles | 0.09 | 0.21 | 0.16 | 0.10 | 0.11 | 0.07 | 0.08 | 0.07 | 0.06 | 0.13 | 0.06 | 0.06 | 0.05 | 0.15 | 0.03 | 0.02 |
| 94 | Southwest Coastal Los Angeles County | 0.08 | 0.08 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.06 | 0.06 | 0.05 | 0.08 | 0.04 | 0.02 | 0.17 | 0.01 | -- |
| ORANGE COUNTY: | | | | | | | | | | | | | | | | | |
| 3176 | Central Orange County | 0.10 | 0.08 | 0.05 | 0.07 | 0.06 | 0.04 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| RIVERSIDE COUNTY: | | | | | | | | | | | | | | | | | |
| 4144 | Metropolitan Riverside County 1 | 0.08 | 0.06 | 0.03 | 0.05 | 0.06 | 0.04 | 0.088 | 0.07 | 0.08 | 0.06 | 0.06 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 |
| 4146 | Metropolitan Riverside County 2 | 0.08 | 0.08 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05 | 0.07 | 0.10 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 |
| SAN BERNARDINO COUNTY: | | | | | | | | | | | | | | | | | |
| 5175 | Northwest San Bernardino Valley | 0.07 | 0.08 | 0.04 | 0.05 | 0.05 | 0.06 | 0.04 | 0.04 | 0.05 | 0.07 | 0.07 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 |
| 5203 | Central San Bernardino Valley | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.05 | 0.06 | 0.04 | 0.05 | 0.07 | 0.06 | 0.05 | 0.03 | 0.14 | 0.02 | 0.01 |
| | District Maximum | 0.14 | 0.21 | 0.16 | 0.15 | 0.11 | 0.07 | 0.09 | 0.08 | 0.10 | 0.21 | 0.09 | 0.23 | 0.06 | 0.17 | 0.03 | 0.03 |

* Less than 12 full months of data.

** Salton Sea Air Basin

*** Refer to 2003 AQMP for 1976 to 1989 data